RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/588597	
Source:	IFWP 1	Ī
Date Processed by STIC:	8/18/06	_
	7 7	

ENTERED



IFWP

RAW SEQUENCE LISTING DATE: 08/18/2006
PATENT APPLICATION: US/10/588,597 TIME: 15:07:16

Input Set : E:\FP0505PCT_SEQUENCE LISTING.txt
Output Set: N:\CRF4\08182006\J588597.raw

```
3 <110> APPLICANT: Fuso Pharmaceutical Industries, Ltd.
      5 <120> TITLE OF INVENTION: Method of detecting nucleic acid and utilization thereof
      7 <130> FILE REFERENCE: FP0505
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/588,597
C--> 10 <141> CURRENT FILING DATE: 2006-08-07
     12 <150> PRIOR APPLICATION NUMBER: JP 2004-32617
     13 <151> PRIOR FILING DATE: 2004-02-09
     15 <160> NUMBER OF SEQ ID NOS: 32
     17 <170> SOFTWARE: PatentIn Ver. 2.1
     19 <210> SEQ ID NO: 1
     20 <211> LENGTH: 40
     21 <212> TYPE: DNA
     22 <213> ORGANISM: Artificial Sequence
     24 <220> FEATURE:
     25 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially
              Synthesized Primer Sequence
     28 <400> SEQUENCE: 1
     29 gaggatgcag cgaattaaac aacgtactgc tgttcaacgc
                                                                           40
     32 <210> SEQ ID NO: 2
     33 <211> LENGTH: 40
     34 <212> TYPE: DNA
     35 <213> ORGANISM: Artificial Sequence
     37 <220> FEATURE:
     38 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially
     39
              Synthesized Primer Sequenc
     41 <400> SEQUENCE: 2
     42 aatgaaactt taccaacaat ttggtcttca tcaatgaggc
                                                                           40
     45 <210> SEQ ID NO: 3
     46 <211> LENGTH: 25
     47 <212> TYPE: DNA
     48 <213> ORGANISM: Artificial Sequence
     50 <220> FEATURE:
     51 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially
    52
             Synthesized Primer Sequenc
     54 <400> SEQUENCE: 3
    55 tgttcaacgc ttgattagtt ttatt
                                                                           25
    58 <210> SEQ ID NO: 4
    59 <211> LENGTH: 25
    60 <212> TYPE: DNA
    61 <213> ORGANISM: Artificial Sequence
    63 <220> FEATURE:
    64 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially
```

Synthesized Primer Sequence

65

RAW SEQUENCE LISTING DATE: 08/18/2006
PATENT APPLICATION: US/10/588,597 TIME: 15:07:16

Input Set : E:\FP0505PCT_SEQUENCE LISTING.txt
Output Set: N:\CRF4\08182006\J588597.raw

67 <400> SEQUENCE: 4 68 tcaatgaggc caaacgcacg gctat 25 71 <210> SEQ ID NO: 5 72 <211> LENGTH: 40 73 <212> TYPE: DNA 74 <213> ORGANISM: Artificial Sequence 76 <220> FEATURE: 77 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially Synthesized Primer Sequence 80 <400> SEQUENCE: 5 81 actggaataa tcattggtat tattgcttta attctagtaa 40 84 <210> SEQ ID NO: 6 85 <211> LENGTH: 40 86 <212> TYPE: DNA 87 <213> ORGANISM: Artificial Sequence 89 <220> FEATURE: 90 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially Synthesized Primer Sequence 93 <400> SEQUENCE: 6 94 ctaacaaaat ctaagtagag tttcaggaat ttttctggtt 40 97 <210> SEQ ID NO: 7 98 <211> LENGTH: 25 99 <212> TYPE: DNA 100 <213> ORGANISM: Artificial Sequence 102 <220> FEATURE: 103 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially Synthesized Primer Sequence 106 <400> SEQUENCE: 7 107 attctagtaa ttatgcaagg gtttc 25 110 <210> SEQ ID NO: 8 111 <211> LENGTH: 25 112 <212> TYPE: DNA 113 <213> ORGANISM: Artificial Sequence 115 <220> FEATURE: 116 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially 117 Synthesized Primer Sequence 119 <400> SEQUENCE: 8 120 ttttctggtt cctcgatatg tggtg 25 123 <210> SEQ ID NO: 9 124 <211> LENGTH: 40 125 <212> TYPE: DNA 126 <213> ORGANISM: Artificial Sequence 128 <220> FEATURE: 129 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially 130 Synthesized Primer Sequence 132 <400> SEQUENCE: 9 133 accttgccga tgatcaggtc gagcagcagc agttccgccg 40

136 <210> SEQ ID NO: 10 137 <211> LENGTH: 40

40

40

40

RAW SEQUENCE LISTING DATE: 08/18/2006 PATENT APPLICATION: US/10/588,597 TIME: 15:07:16

Input Set : E:\FP0505PCT SEQUENCE LISTING.txt Output Set: N:\CRF4\08182006\J588597.raw

- 138 <212> TYPE: DNA
- 139 <213> ORGANISM: Artificial Sequence
- 141 <220> FEATURE:
- 142 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially
- Synthesized Primer Sequence
- 145 <400> SEQUENCE: 10
- 146 gtgttcaccg gctccaccga ggtcggcaag tacttcatqc
- 149 <210> SEQ ID NO: 11
- 150 <211> LENGTH: 25
- 151 <212> TYPE: DNA
- 152 <213> ORGANISM: Artificial Sequence
- 154 <220> FEATURE:
- 155 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially
- Synthesized Primer Sequence
- 158 <400> SEQUENCE: 11
- 159 agttccgccg agagggcgaa catcg
 - 25
- 162 <210> SEQ ID NO: 12
- 163 <211> LENGTH: 25
- 164 <212> TYPE: DNA
- 165 <213> ORGANISM: Artificial Sequence
- 167 <220> FEATURE:
- 168 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially
- 169 Synthesized Primer Sequence
- 171 <400> SEQUENCE: 12
- 172 tacttcatgc agtattccgc gcaat
 - 25
- 175 <210> SEQ ID NO: 13
- 176 <211> LENGTH: 40
- 177 <212> TYPE: DNA
- 178 <213> ORGANISM: Artificial Sequence
- 180 <220> FEATURE:
- 181 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially
- Synthesized Primer Sequence
- 184 <400> SEQUENCE: 13
- 185 cttttgctag ttcatgttta ttgattttc gttcgattat
- 188 <210> SEQ ID NO: 14
- 189 <211> LENGTH: 40
- 190 <212> TYPE: DNA
- 191 <213> ORGANISM: Artificial Sequence
- 193 <220> FEATURE:
- 194 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially
- Synthesized Primer Sequence
- 197 <400> SEQUENCE: 14
- 198 taccatttct tgcatgctca tttctcctta ctactgaaac
- 201 <210> SEQ ID NO: 15
- 202 <211> LENGTH: 25
- 203 <212> TYPE: DNA
- 204 <213> ORGANISM: Artificial Sequence
- 206 <220> FEATURE:
- 207 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially

RAW SEQUENCE LISTING DATE: 08/18/2006
PATENT APPLICATION: US/10/588,597 TIME: 15:07:16

Input Set : E:\FP0505PCT_SEQUENCE LISTING.txt
Output Set: N:\CRF4\08182006\J588597.raw

208 Synthesized Primer Sequence 210 <400> SEQUENCE: 15 211 gttcgattat cccacaagat tatat 25 214 <210> SEQ ID NO: 16 215 <211> LENGTH: 25 216 <212> TYPE: DNA 217 <213> ORGANISM: Artificial Sequence 219 <220> FEATURE: 220 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially 221 Synthesized Primer Sequence 223 <400> SEQUENCE: 16 224 ctactgaaac atcgtcttaa aaaaa 25 227 <210> SEQ ID NO: 17 228 <211> LENGTH: 40 229 <212> TYPE: DNA 230 <213> ORGANISM: Artificial Sequence 232 <220> FEATURE: 233 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially 234 Synthesized Primer Sequence 236 <400> SEQUENCE: 17 237 catttgtgaa tgagatgcac tgactaaatc aattggcccc 40 240 <210> SEQ ID NO: 18 241 <211> LENGTH: 40 242 <212> TYPE: DNA 243 <213> ORGANISM: Artificial Sequence 245 <220> FEATURE: 246 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially 247 Synthesized Primer Sequence 249 <400> SEQUENCE: 18 250 ccgagatggg cttcacctgt ctgcgtattt ccattgcctg 40 253 <210> SEO ID NO: 19 254 <211> LENGTH: 25 255 <212> TYPE: DNA 256 <213> ORGANISM: Artificial Sequence 258 <220> FEATURE: 259 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially 260 Synthesized Primer Sequence 262 <400> SEQUENCE: 19 263 aattggcccc caactggtgt acccc 25 266 <210> SEQ ID NO: 20 267 <211> LENGTH: 25 268 <212> TYPE: DNA 269 <213> ORGANISM: Artificial Sequence 271 <220> FEATURE: 272 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially Synthesized Primer Sequence 275 <400> SEQUENCE: 20 276 ccattgcctg ggcgcgaatt ttccc 25 279 <210> SEQ ID NO: 21

RAW SEQUENCE LISTING DATE: 08/18/2006 PATENT APPLICATION: US/10/588,597 TIME: 15:07:16

Input Set : E:\FP0505PCT_SEQUENCE LISTING.txt
Output Set: N:\CRF4\08182006\J588597.raw

280 <211> LENGTH: 35 281 <212> TYPE: DNA 282 <213> ORGANISM: Artificial Sequence 284 <220> FEATURE: 285 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially 286 Synthesized Primer Sequence 288 <400> SEQUENCE: 21 289 actgttcgta caaacttttg taatagttgg tcatg 35 292 <210> SEO ID NO: 22 293 <211> LENGTH: 35 294 <212> TYPE: DNA 295 <213> ORGANISM: Artificial Sequence 297 <220> FEATURE: 298 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially Synthesized Primer Sequence 301 <400> SEQUENCE: 22 302 ctcgccatct ttcaaagttg gatccattga ttcac 35 305 <210> SEQ ID NO: 23 306 <211> LENGTH: 35 307 <212> TYPE: DNA 308 <213> ORGANISM: Artificial Sequence 310 <220> FEATURE: 311 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially Synthesized Primer Sequence 314 <400> SEQUENCE: 23 315 ggtatataaa tgactaaagg gaggtgccaa gatga 35 318 <210> SEQ ID NO: 24 319 <211> LENGTH: 36 320 <212> TYPE: DNA 321 <213> ORGANISM: Artificial Sequence 323 <220> FEATURE: 324 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially Synthesized Primer Sequence 327 <400> SEQUENCE: 24 328 gcaatgcacg tactgcaatt gcactttctt ccggag 36 331 <210> SEQ ID NO: 25 332 <211> LENGTH: 35 333 <212> TYPE: DNA 334 <213> ORGANISM: Artificial Sequence 336 <220> FEATURE: 337 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially Synthesized Primer Sequence 340 <400> SEQUENCE: 25 341 attegategt cetettgttg tegttategg categ 35 344 <210> SEQ ID NO: 26 345 <211> LENGTH: 35 346 <212> TYPE: DNA

349 <220> FEATURE:

347 <213> ORGANISM: Artificial Sequence

VERIFICATION SUMMARYDATE: 08/18/2006PATENT APPLICATION: US/10/588,597TIME: 15:07:17

Input Set : E:\FP0505PCT_SEQUENCE LISTING.txt
Output Set: N:\CRF4\08182006\J588597.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date